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| EFS ID: | 2069265 |
| Application Number: | 10598838 |
| International Application Number: | |
| Confirmation Number: | 1063 |
| Title of Invention: | PYRAZOLO[3,4-b]PYRIDINE COMPOUND, AND ITS USE AS A PDE4 INHIBITOR |
| First Named Inventor/Applicant Name: | Siegfried Benjamin Christensen, IV |
| Customer Number: | 20462 |
| Filer: | James Marlin Kanagy/Ellen Kelleher |
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| 3 | NPL Documents | Beer_1978_Pharmacol_Biochem_Behavior_SQ65_396_antianxiety_agent.pdf | 641939 d1d700c66507c1656ab3099d439a9ea5179558a | no | 3 |
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| 4 | NPL Documents | Bondavalli_2002_JMC_pyrazolopyridine_5_ester_A1_Antagonists1.pdf | 18648856 19051f515c7a079b0c4450af1b1d4d5542711c267 | no | 13 |
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| 5 | Foreign Reference | CA1003419_Squibb_pyrazolo_3_4_b_pyridines.pdf | 5455104 53cd34cb6775c17ab0781786ce62a5a475d4d | no | 25 |
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| 6 | Foreign Reference | CH553799_A5_Squibb_1_H_1_furanylmethyl_pyrazolopyridines.pdf | 589454 43lea2670ba2dc79d4d5f1a2cd7f599e28a99d | no | 8 |
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| 7 | Foreign Reference | CH553799_Squibb_pyrazolopyridines_structures_EN_translation.pdf | 2836095 e6f21ca55c0b5e2af9c3b2ad43d4516d0aea513d9 | no | 17 |
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| 8 | NPL Documents | Chakravorti_1978_Indian_J_Chem_isoquinolylpyrazolo_3_4_b_pyridines.pdf | 657208 a3d096ad3c43eca851c7f1b1d4c23b64d55a58c | no | 3 |
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| 9 | NPL Documents | Chasin_1972_Biochem_Pharmacol_SQ20009_as_PDE_inhibitor.pdf | 1148135 d7a5154b561de3d4a33bee41eac0207c4a5a2b | no | 8 |
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| 11 | NPL Documents | Daly_MedChemRes_1994_1_Me_4_substd_pyrasolo_3_4_b_pyridines_0A1_A2_activity.pdf | 2883111 1531e7625c652b31934c28930cd0f93d5e2d6e199 | no | 14 |
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| 12 | NPL Documents | Davis_1987_J_Comp_Aided_Mol_Design_modelling_PDE_substrates_inhibitors.pdf | 2204363 d643eb24c0c3a3f029f2a4d5af1987cc5665c7 | no | 23 |
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| 13 | NPL Documents | de_Mello_2004_JMedChem_47_5427_32_Antileishmanial_Pyrazolopyridines1.pdf | 7322138 004e1d421624fba07b22a9456260ab5b45d825e | no | 6 |
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| 14 | NPL Documents | Denzel_1974_1_unsubstitute_d_pyrasolopyridine_esters_DE_original.pdf | 2126931 a37d1a988975a095ac184d15d151c285c458305 | no | 10 |
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| 16 | Foreign Reference | EP76035_A1_ICI_Americas_pyrasolopyridines.pdf | 612378 ba6557762ab1d1c3e3e55816571c828195e587916 | no | 21 |
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| 17 | Foreign Reference | EP180318_A1_ICI_pyr_pyridine_5_amides.pdf | 1884716 42721b66109d1153b3e6698935d49b062b1409 | no | 47 |
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| 18 | Foreign Reference | GB1417489_Squibb_4_amin_o_6_COOH_PZPs.pdf | 523468 6b668a39f0daae9728ec4abc054cbb73596e2e | no | 10 |

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| 20 | Foreign Reference | Giembycz_2000_PDE4_Inhi bitors_and_Treatment_of_As thma1.pdf | 9282627 832e6d3f05cd1b1a2c54f02679d31c1688 1202e05 | no | 20 |
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| 21 | NPL Documents | Glass_1979_Biochem_Phar macol_vol_28_inhibitn_cAM P_PDEs_by_PDE_inhibitors. pdf | 1057651 0cd40ce1126566e16377a13f5e8dc319 c1808 | no | 6 |
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| 22 | NPL Documents | Hoehn_Denzel_JHetChem 1972_1.pdf | 12886971 c31f865ab7410b7b58e211ead72913b 87b39e10 | no | 19 |
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| 23 | NPL Documents | Hoehn_JMedChem_1973_1 6_1340_pyrazolo_3_4_b_pyr idines1.pdf | 6427047 30e2608e0e22b11cd4f182a1517b678c21 bd196c | no | 7 |
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| 24 | NPL Documents | Horowitz_1972_Psychosoma tics_cyclic_AMP_and_anxiet y.pdf | 1112725 f833014a007d8b09eecc705439ea9319 b170ed8 | no | 8 |
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| 25 | Foreign Reference | JP2002020386_Ono_PDE4 English_transl.pdf | 591221 816e65dfe9ebace8cd95b701d83c551b 186c1169 | no | 71 |
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| 27 | Foreign Reference | JP2002020386A_Ono_pyraz olopyridines.pdf | 2288138 0a22a8873b1ea84a3b8172b05e2a329 c290021 | no | 37 |

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| 30 | NPL Documents | Ochiai_Ono_BioorgMedChem_2004_PZP_PDE4_inhibitors.pdf | 378702 d5d618b591e2662052845e4f08e0c95 136112df | no | 12 |
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| 31 | NPL Documents | Ochiai_Ono_June2004_ChemPharmBull_PZP_paper1.pdf | 11211593 dfb6e857202c1189b785e422e329a1c24 c05e983 | no | 7 |
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| 32 | NPL Documents | Ochiai_Ono_PDE4_pyrazolopyr_5Jan2004_BioorgMedChemLett_14_29_32.pdf | 170759 d723011a022575571862195c9c81eb6 65587639 | no | 4 |
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| 33 | NPL Documents | Patel_1982_anxiolytic_properties_of_tracazolate.pdf | 726686 ca299ae4946db3416341342f614828ae 9d78ae7 | no | 11 |
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| 34 | NPL Documents | Patel_1985_pharmacology_of_pyrazolopyridines_tracazolate.pdf | 510924 6f340ab026daf61c580a85644674c9b8 9d19bc4d | no | 6 |
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| 36 | Foreign Reference | pp1-75_JP2002020386A_mt2.pdf | 13576648 63b3d38e94a6607074f35dc1d15b4b 45464e0 | no | 75 |

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| 37 | Foreign Reference | pp76_167_JP2002020386A mt2-2.pdf | 13894450 e4b22466abbd1f192b6de451e0e234c 53ca9f14 | no | 92 |
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| 38 | NPL Documents | RBI_1998_catalogue_tracaz olate_entry.pdf | 1033748 1d5e9957ab48b58a46452b758e0c1da3b 4e573d96 | no | 5 |
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| 39 | NPL Documents | Sabitha_1999_SynthComm route_to_pyrzolo3_4_b_pyril dines.pdf | 941452 040b040b17b3474b951fcc3b1641c82f 2a6f6b | no | 11 |
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| 40 | NPL Documents | Schenone_2001_BioorgMCL .pdf | 105714 2aefccca34bf4ec2af282afab9b896b75 7eb15d8f | no | 3 |
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| 41 | NPL Documents | Shi_Daly_DrugDevRes_199 7_Pyrazolopyridines_Adenos ine_GABAA_receptor_activit y.pdf | 412548 e4b853e5611d896fbd5d14c20c973ca 48037e32 | no | 16 |
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| 42 | NPL Documents | Weinryb_1975_Excerpta_Me d_Int_Congr_Ser_SQ20009 as_PDE_inhibitor.pdf | 2606626 1adb77c7f55904b220c87e1bbda02509 4ba7641b | no | 9 |
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| 44 | Foreign Reference | WO2005_090348A1.pdf | 4455196 6e0cd119b7164bc7afca03694118b537 f0ca956 | no | 88 |
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| 46 | Foreign Reference | WO2005_090354_A1.pdf | 7465726 ffba213b25c5b58470c15d19b7a4cc9191a67e8 | no | 142 |
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| 47 | Foreign Reference | WO0015222A1_Bristol_My s_Squibb.pdf | 4683653 db00da8bc742987cc1095f8a3b3d7f11b916ef1b | no | 113 |
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| 48 | Foreign Reference | WO0123389A2_A3_Neurog en_neuropeptide_Y1_antago nists.pdf | 7448846 c02302c1c256cc0961447b1b145407331307e | no | 218 |
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| 49 | Foreign Reference | WO0144244A1_Merck_pyr azolopyridine_GABA_ligands. pdf | 1770950 2b86e4be762f45a02584072f12f08bd5c5d58aa50 | no | 46 |
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| 50 | Foreign Reference | WO0260900A2_A3_Telik_M CP_1_antagonists.pdf | 5185732 d54b68b3d9ff9ead33ac3a3b02d3904376151 | no | 124 |
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| 51 | Foreign Reference | WO0281463A1_Telik_MCP_ 1_antagonists.pdf | 3525273 99379cd3b15992b5a21aee0881cd3b3bd080bc | no | 84 |
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| 52 | Foreign Reference | WO2002098878A1_Memory _CF3_purines_as_PDE4_inh ibitors.pdf | 4680759 b2cc3cf67920cae5a5903b747ef6d45fa0e9a2c15 | no | 115 |
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| 53 | Foreign Reference | WO2003016563A2_A3_Ex nhit_treating_neurodegen_e g_ALS_with_PDE4_inhibs_e g_PZPs.pdf | 3570128 203903d411ed144bc07900b0957d756c2b0ccdf | no | 72 |
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| 55 | Foreign Reference | WO2004024728A2_A3_P33 108_pyrazolopyr_5_amides esters.pdf | 14960457 2c844cc09b480a64480509684493c0e5 1168500 | no | 299 |
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| 58 | NPL Documents | Yu_2001JMC_Pyrazolopyridi nes_as_PDE5_inhibitors1.pdf | 542337 8c007f21ac96395ee15c98855422e545 a8597328 | no | 3 |
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